



Image may be representation.
See specifications for product details.



VIPER122LSTR

Manufacturer Part Number	VIPER122LSTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-VIPER122LSTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OFFLINE SW MULT TOP 10SSOP
Package	10-SOP (0.154", 3.90mm Width)
Data sheet	VIPER122 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

VIPER122LSTR - STMicroelectronics.New Original in Stock. Download Linear Technology VIPER122LSTR datasheet/specifications on AllelcoElec.com.
Request a quote for VIPER122LSTR, please send us email: info@allelco.com

Specifications

VIPER122LSTR Tech Specifications

VIPER122LSTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Isolation	Either
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	13 V	Mounting Type	Surface Mount
Voltage - Breakdown	730V	Internal Switch(s)	Yes
Topology	Buck, Buck-Boost, Flyback	Frequency - Switching	60kHz
Supplier Device Package	10-SSOP	Fault Protection	Current Limiting, Short Circuit
Series	-	Duty Cycle	80%
Power (Watts)	11 W	Control Features	-
Package / Case	10-SOP (0.154", 3.90mm Width)	Base Product Number	VIPER122
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics VIPER122LSTR

Product Attribute				
Part Number	VIPER122LSTR	VIPER12ADIP-E	VIPER12ASTR-E	VIPER15HN
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Frequency - Switching	60kHz	60kHz	60kHz	225kHz
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Power (Watts)	11 W	13 W	8 W	10 W
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TC)	-40°C ~ 150°C (TJ)
Control Features	-	-	-	-
Series	-	VIPER™	VIPER™	VIPer™ plus
Topology	Buck, Buck-Boost, Flyback	-	-	Flyback
Package / Case	10-SOP (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm), 7 Leads
Voltage - Breakdown	730V	730V	730V	800V
Supplier Device Package	10-SSOP	8-DIP	8-SOIC	7-DIP
Voltage - Start Up	13 V	14.5 V	14.5 V	14 V
Internal Switch(s)	Yes	Yes	Yes	Yes
Fault Protection	Current Limiting, Short Circuit	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage	Current Limiting, Over Temperature, Over Voltage
Voltage - Supply (Vcc/Vdd)	11.5V ~ 23.5V	9V ~ 38V	9V ~ 38V	8.5V ~ 23.5V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Output Isolation	Either	Non-Isolated	Non-Isolated	Isolated
Duty Cycle	80%	-	-	-
Base Product Number	VIPER122	VIPER12	VIPER12	VIPER15

VIPER122LSTR Datasheet PDF

Download VIPER122LSTR pdf datasheets and STMicroelectronics documentation for VIPER122LSTR - STMicroelectronics.

Datasheets

[VIPER122 Datasheet.pdf](#)

PCN Packaging

[Cover Tape 07/Sep/2019.pdf](#)


















[Material Barrier Bag 17/Dec/2020.pdf](#)

PCN Assembly/Origin

[Viperyyy 22/Mar/2021.pdf](#)

Customers Also Interested in

Recommended Products

					
VIPER12ADIP-E STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER12ASTR-E STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER15HN STMicroelectronics IC OFFLINE SWITCH FLYBACK 7DIP	VIPER12 XINBOLE	VIPER113LSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPer100R STMicroelectronics
					
VIPER114LSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPER115XSTR STMicroelectronics IC OFFLINE SW MULT TOP 10SSOP	VIPER100ASP STMicroelectronics	VIPER100SP STMicroelectronics	VIPER12ADIP STMicroelectronics IC OFFLINE SWITCH 8DIP	VIPER100A-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT
					
VIPER12AS STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER12A STMicroelectronics	VIPER12AS-E STMicroelectronics IC OFFLINE SWITCH 8SOIC	VIPER100A-22-E STMicroelectronics IC OFFLIN CONV FLBACK 5PENTAWATT	VIPER100BSP STMicroelectronics	VIPER12ASTR STMicroelectronics

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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